

## Chapter 7

# Fleet Vehicles and Characteristics

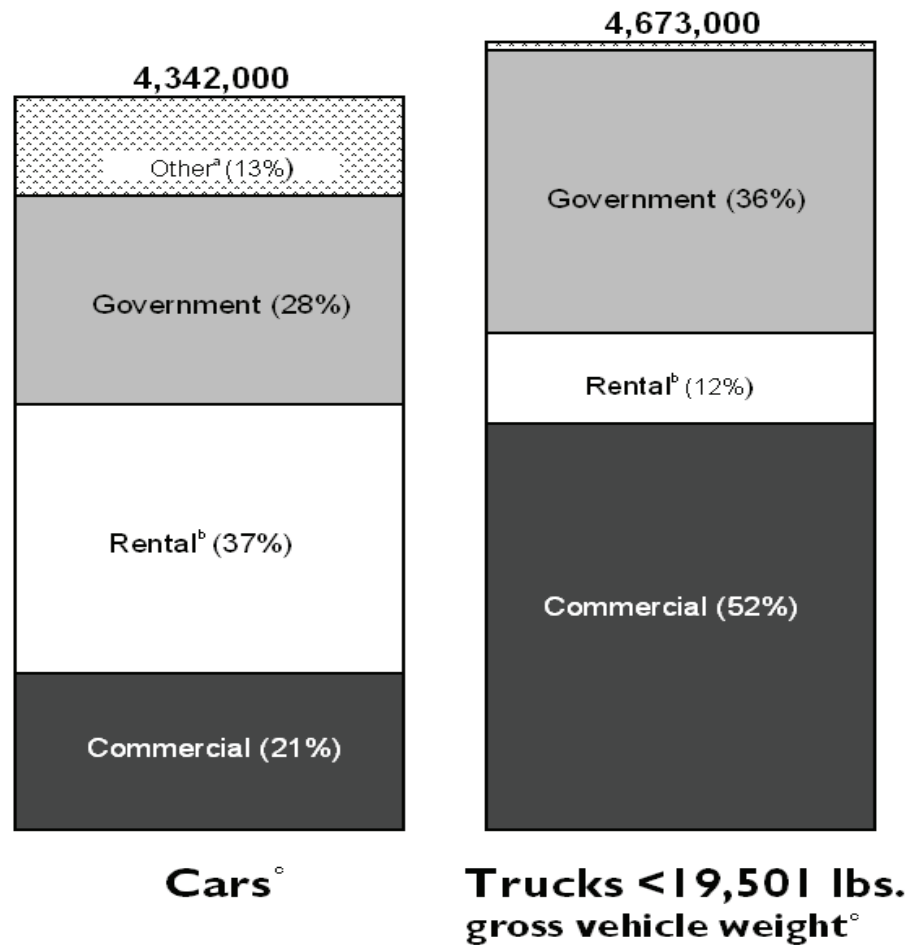
Summary Statistics from Tables/Figures in this Chapter

Source		
Figure 7.1	Fleet cars, 2007	4,342,000
Figure 7.1	Fleet trucks $\leq$ 19,500 lbs. GVW, 2007	4,673,000
Table 7.3	Average annual miles per business fleet vehicle	
	<i>Pick up trucks</i>	28,284
	<i>SUVs</i>	26,460
	<i>Intermediate cars</i>	26,196
Figure 7.2	Average annual miles per Federal Government fleet vehicle, 2007	
	<i>Sedans &amp; station wagons</i>	12,372
	<i>SUVs</i>	10,064
	<i>Buses</i>	9,594
	<i>Heavy trucks</i>	7,890
	<i>Medium trucks</i>	6,418
	<i>Light trucks</i>	5,874
	<i>Ambulances</i>	4,967
Table 7.4	Federal government vehicles, FY 2007	642,233
	<i>Light trucks (&lt;8,500 lbs. GVW)</i>	283,835
	<i>Cars</i>	110,992
	<i>Medium trucks (8,500–26,000 lbs. GVW)</i>	84,414
	<i>Heavy trucks (&gt;26,000 lbs. GVW)</i>	32,492
	<i>Buses</i>	8,297



Vehicles in fleets of 15 or more are counted as fleet vehicles, as well as vehicles in fleets where five or more vehicles are purchased annually. Historical data on fleets is not available due to definitional changes of what constitutes a fleet.

**Figure 7.1. Fleet Vehicles in Service as of June 1, 2007**



**Source:**

Bobit Publishing Company, Automotive Fleet Research Department, *Automotive Fleet Factbook 2007*, Redondo Beach, CA, 2007. (Additional resources: [www.fleet-central.com](http://www.fleet-central.com))

<sup>a</sup>Taxi category includes vans.

<sup>b</sup>Rental category includes vans and sports utility vehicles under **cars**, not trucks.

<sup>c</sup>Fleets of 15 or more in operation or 5 or more fleet vehicles purchased annually.



Rental companies made the largest light fleet vehicle registrations in 2006 buying nearly 3.3 million vehicles, most of them cars (61.8%). Almost 30% of the commercial fleet vehicles registrations were pickups.

**Table 7.1**  
**New Light Fleet Vehicle Registrations by Vehicle Type, Model Year 2006**

	Commercial	Rental	Government	Total
Cars	26.4%	59.5%	36.1%	48.3%
Pickups	29.6%	3.3%	25.2%	12.5%
Vans	18.9%	12.0%	13.9%	14.0%
Sport utility vehicles	14.2%	24.0%	9.8%	20.0%
Medium trucks	10.9%	1.2%	15.0%	5.1%
<b>Total</b>	<b>903,280</b>	<b>2,101,831</b>	<b>307,086</b>	<b>3,312,197</b>

**Source:**

Bobit Publishing Company, *Automotive Fleet Factbook 2007*, pp. 12, 14, 24 and 26. (Additional resources: [www.fleet-central.com](http://www.fleet-central.com))



*The average length of service for an intermediate size fleet car is 30 months. Of the light vehicle types, full-size vans have the longest average months in service.*

**Table 7.2**  
**Average Length of Time Business Fleet**  
**Vehicles are in Service, 2006**

Vehicle type	Average months in service
Compact cars	37
Intermediate cars	30
Pickup trucks	45
Minivans	39
Sport utility vehicles	32
Full-size vans	46

**Source:**

Bobit Publishing Company, *Automotive Fleet Factbook 2007*, pp. 38-39. (Additional resources: [www.fleet-central.com](http://www.fleet-central.com))

**Note:** Based on data collected from four leading Fleet Management companies.

**Table 7.3**  
**Average Annual Vehicle-Miles of Travel**  
**for Business Fleet Vehicles, 2006**

Business fleet vehicles	Average annual miles of travel
Compact cars	26,280
Intermediate cars	26,196
Pickup trucks	28,284
Minivans	27,480
SUVs	26,460
Full-size vans	27,216

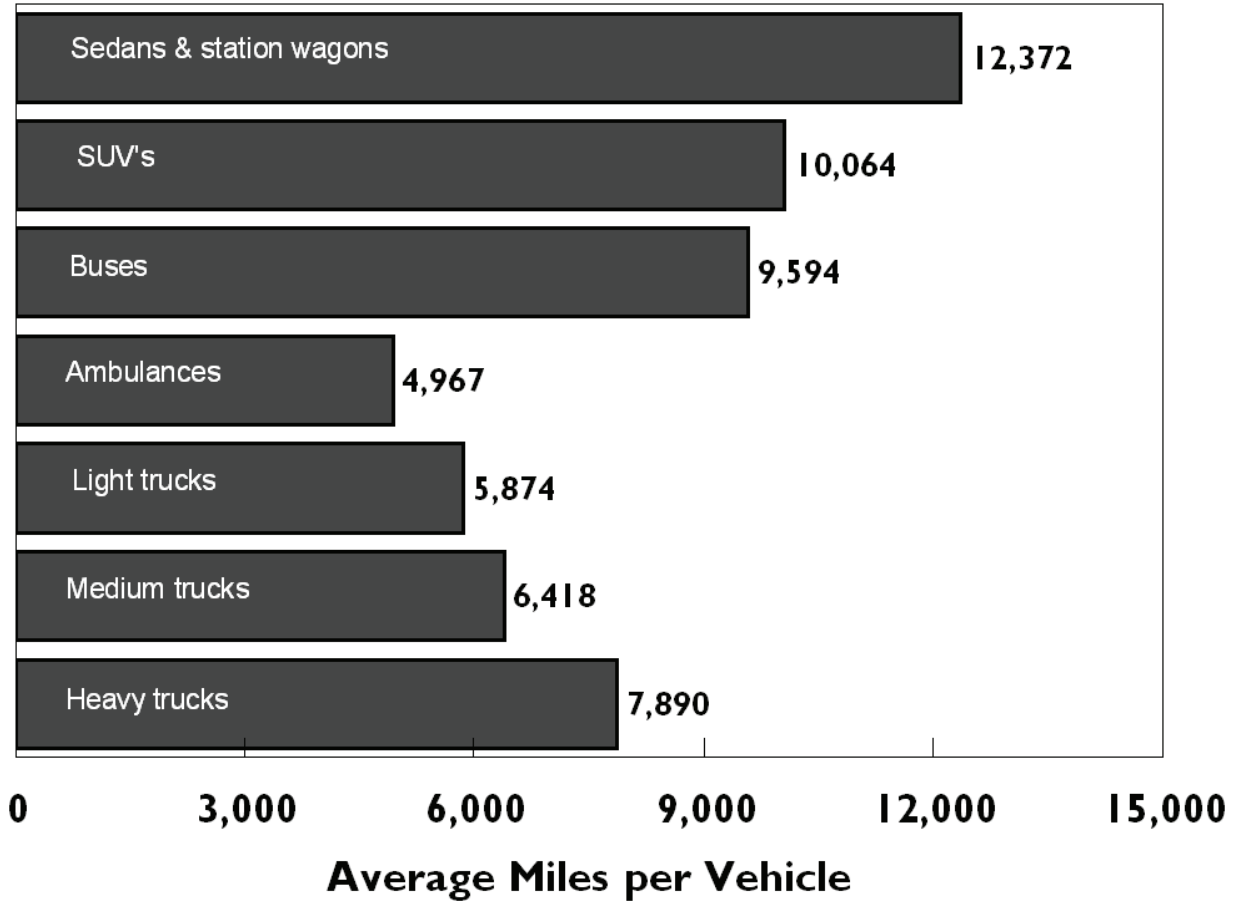
**Source:**

Bobit Publishing Company, *Automotive Fleet Factbook 2007*, pp. 38-39.



*These data, which apply to domestic Federal fleet vehicles, indicate that sedans and station wagons have the highest average annual miles per vehicle, followed closely by buses and sport utility vehicles (SUVs).*

**Figure 7.2. Average Miles per Domestic Federal Vehicle by Vehicle Type, 2007**



**Source:**

U.S. General Services Administrations, Federal Vehicle Policy Division, *FY 2007 Federal Fleet Report*, Washington, DC, January 2008, Table 4-2. (Additional resources: [www.gsa.gov/vehiclepolicy](http://www.gsa.gov/vehiclepolicy))



**Table 7.4**  
**Federal Government Vehicles by Year**

<b>Vehicle Type</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>	<b>2006</b>	<b>2007</b>
<b>Passenger Vehicles</b>						
Subcompact	4,638	5,139	4,485	2,401	2,181	1,968
Compact	57,002	58,364	55,150	58,284	56,220	48,495
Midsized	40,779	37,695	35,012	36,656	39,762	48,622
Large	11,265	11,171	16,235	15,966	11,783	11,907
Limousines	130	115	227	191	318	217
Light duty passenger vans	61,518	60,030	42,213	42,109	41,911	43,203
Medium duty passenger vans	1,701	16,023	13,282	13,252	15,657	15,231
Light duty SUVs	48,343	42,316	54,992	50,445	52,393	53,837
Medium duty SUVs	0	7,593	7,594	6,096	7,192	7,733
<b>Total Passenger Vehicles</b>	<b>225,376</b>	<b>238,446</b>	<b>229,190</b>	<b>225,400</b>	<b>227,417</b>	<b>231,213</b>
<b>Trucks and Other Vehicles</b>						
Light duty 4x2	220,205	232,526	236,123	243,477	241,847	243,720
Light duty 4x4	27,108	28,654	32,121	35,417	37,019	40,115
Medium duty	86,949	77,569	80,474	83,747	81,721	84,414
Heavy duty	31,426	33,089	33,308	35,230	33,383	32,492
Ambulances	1,710	1,611	1,405	1,580	1,601	1,982
Buses	7,313	7,493	7,530	7,837	7,752	8,297
<b>Total Trucks and Other Vehicles</b>	<b>374,711</b>	<b>380,942</b>	<b>390,961</b>	<b>407,288</b>	<b>403,323</b>	<b>411,020</b>
<b>GRAND TOTAL ALL VEHICLES</b>	<b>600,087</b>	<b>619,388</b>	<b>620,151</b>	<b>632,688</b>	<b>630,740</b>	<b>642,233</b>

**Source:**

U.S. General Services Administration, Federal Supply Service, *FY 2007 Federal Fleet Report*, Washington, DC, 2008, Charts 2-5 and 2-6. (Additional resources: [http://www.gsa.gov/gsa/graphics/ogp/FFR2007\\_508.pdf](http://www.gsa.gov/gsa/graphics/ogp/FFR2007_508.pdf))



**Table 7.5**  
**Federal Fleet Vehicle Acquisitions**  
**by Fuel Type, FY 2002–2007**

Fuel Type	Acquisitions by Year					
	2002	2003	2004	2005	2006	2007
Gasoline	44,850	42,844	43,378	41,469	37,758	32,547
Diesel	8,107	5,831	5,822	6,050	6,809	5,813
CNG	1,267	1,223	809	188	243	129
E-85	8,054	19,626	13,991	16,892	18,168	26,581
Electric	7	31	88	13	0	7
LNG	3	0	0	0	0	0
LPG	59	49	26	1	0	4
M-85	25	0	0	0	0	0
<b>Grand Total</b>	<b>62,372</b>	<b>69,604</b>	<b>64,114</b>	<b>64,613</b>	<b>62,978</b>	<b>65,081</b>

**Source:**

U.S. General Services Administrations, Federal Vehicle Policy Division, *FY 2007 Federal Fleet Report*, Washington, DC, 2008, Chart 5-4. (Additional resources: [www.gsa.gov/graphics/ogp/FFR2007\\_508.pdf](http://www.gsa.gov/graphics/ogp/FFR2007_508.pdf))

**Table 7.6**  
**Fuel Consumed by Federal Government Fleets, FY 2001–2007**  
**(thousand gasoline equivalent gallons)**

	FY01	FY02	FY03	FY04	FY05	FY06	FY07
Gasoline	281,791	281,205	296,017	284,460	300,261	288,923	293,848
Diesel	70,761	68,487	69,109	59,199	53,363	47,489	57,700
CNG	2,335	1,708	575	1,159	1,245	807	889
Electricity	35	56	19	3	6	5	5
Biodiesel	1,315	2,252	3,753	6,470	8,052	8,334	9,483
Methanol/M-85	5	4	3	0	0	0	0
LPG	102	108	104	126	231	105	322
Ethanol/E-85	5,900	4,673	1,592	1,784	3,060	3,206	3,853
LNG	52	27	23	91	102	90	95
Other	0	0	0	0	0	0	0
<b>TOTAL</b>	<b>362,296</b>	<b>358,520</b>	<b>371,195</b>	<b>353,292</b>	<b>366,320</b>	<b>348,959</b>	<b>366,195</b>

**Source:**

U.S. General Services Administrations, Federal Vehicle Policy Division, *FY 2007 Federal Fleet Report*, Washington, DC, 2008, Chart 5-1. (Additional resources: [http://www.gsa.gov/graphics/ogp/FFR2007\\_508.pdf](http://www.gsa.gov/graphics/ogp/FFR2007_508.pdf))



